

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S55	2	"20040155915".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:40
S56	1	(signal with generator) and (drive with pulse) and (\$head with channel) and (resonance with period)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:22
S57	570	(signal with generator) and (drive with pulse) and (\$head with channel)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:23
S58	41	((pzt piezo\$ transducer) with (actuator)) and (propagat\$4)) with pulse	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:22
S59	570	(signal with generator) and (drive with pulse) and (\$head with channel)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:23
S60	7	(signal with generator) and (drive with pulse) and (\$head with channel) and (vibration with nozzle) and (resonance propagat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:23
S61	4048	(347/9,10,11,14,68).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/09 09:24
S62	2712	S61 and (pzt piezo\$ transducer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:24
S63	779	S61 and (pzt piezo\$ transducer)and (actuator)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:24
S64	4048	(347/9,10,11,14,68).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/09 09:24

S65	779	S64 and (pzt piezo\$ transducer)and (actuator)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:24
S66	57	S64 and (pzt piezo\$ transducer)and (actuator near control\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:24
S67	125	iwao-naoto.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:24
S68	6	matsumoto-ayumu.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:24
S69	16	iwao-naoto.in. and (actuator)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:24
S70	27	("4104646" "4112433" "4266232" "4291316").PN. OR ("4369455"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/09 09:24
S71	36	("4104646" "4161670" "4284996" "4352114" "4369455" "4393384" "4424520" "4491851" "4509059" "4523201" "4532200" "4563689" "4577201" "4639735" "4714935" "4716418" "4743924" "4752790").PN. OR ("4897665"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/09 09:24
S72	267643	"36" and pulse!	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:24
S73	33	S71 and pulse!	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:24
S74	18	S71 and (pulse! adj width!)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:24

S75	11	S71 and ((pulse! adj width!) same voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:24
S76	9	S71 and ((pulse! adj width!) with voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:24
S77	37716	((pulse! adj width!) with voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:24
S78	3947	((pulse! adj width!) with voltage) and (pzt piezo\$ transducer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:24
S79	861	S78 and actuator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:24
S80	30	propagat\$4 and S66	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:24
S81	23	(US-20010043242-\$ or US-20040095404-\$ or US-20030164868-\$ or US-20010043241-\$).did. or (US-4369455-\$ or US-4897665-\$ or US-6257685-\$ or US-6527354-\$ or US-5764256-\$ or US-4563689-\$ or US-6419336-\$ or US-6412923-\$ or US-6386665-\$ or US-6350003-\$ or US-6254213-\$ or US-6099103-\$ or US-5903286-\$ or US-5736994-\$). did. or (JP-11020165-\$ or JP-11170516-\$ or JP-2001310461-\$ or JP-2001315330-\$ or JP-2001322272-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2005/12/09 09:24
S82	15	S81 and propagat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:24

S83	2	("6488358").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/09 09:24
S84	125	347/10.ccls. and (pzt pezo\$ transducer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:24
S85	16	(347/10.ccls. and (pzt pezo\$ transducer)) and propagat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:24
S86	4048	(347/9,10,11,14,68).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/09 09:24
S87	2712	S86 and (pzt piezo\$ transducer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:24
S88	6496	(pzt piezo\$ transducer) and (actuator) and (propagat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:24
S89	3569	((pzt piezo\$ transducer) with (actuator)) and (propagat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:24
S90	41	((((pzt piezo\$ transducer) with (actuator)) and (propagat\$4)) with pulse	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:24
S91	22	(((((pzt piezo\$ transducer) with (actuator)) and (propagat\$4))) with pulse) not 347/9,10,11,68.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:24
S92	3452	(((((pzt piezo\$ transducer) with (actuator)) and (propagat\$4)))) not 347/9,10,11,68.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:24

S93	22	(((((pzt piezo\$ transducer) with (actuator)) and (propagat\$4))) and 310/311.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:24
S94	460	(propagat\$4) and (347/9,10,11,68, 14.ccls. 310/311.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:24
S95	127	(pulse same propagat\$4) and (347/9,10,11,68,14.ccls. 310/311.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:24
S96	119	(347/9,10,11,68.ccls.) and ((pulse adj width) same (chamber chanel))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:24
S97	121	(347/9,10,11,68.ccls.) and ((pulse adj width) same (chamber chanel cavity))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:24
S98	2	((("5805177") or ("5736994")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/09 09:24
S10 0	3	("5805177" "6086189" "6217159").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/09 09:24
S10 1	5	((("6260959") or ("6523932")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/09 09:24
S10 2	5	((("6260959") or ("6523923")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/09 09:24
S10 3	1	(US-6099103-\$).did.	USPAT	OR	ON	2005/12/09 09:24
S10 4	1	S103 and nozzle	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:24

S10 5	1	S103 and (nozzle same chamber)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:24
S10 6	1	"20040155915".pn. and (reduce with channel)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 10:57
S10 7	44	(reduce with volume with channel) same (pulse wave)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 09:50
S10 8	84	((reduce decrease) with volume with channel) same (pulse wave)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 10:20
S10 9	286	(refill with channel) same (pulse wave)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 10:21
S11 0	249	(refill with channel) same (pulse wave) and (pzt piezo\$ transducer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 10:30
S11 1	50	((decrease reduce) with volume with channel) same (pulse wave) and (pzt piezo\$ transducer) and voltage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 13:25
S11 2	95	meniscus same radius same nozzle	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 11:42
S11 3	3	("5625393" "5892524" "6312077").PN. OR ("6908167").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/09 10:41
S11 4	1	meniscus same radius same nozzle and extrusive	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 10:45

S11 5	1	meniscus same radius same nozzle and (excursion extrusive)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 11:36
S11 7	1	"20040155915".pn. and (last with timing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 10:57
S11 8	4	meniscus same radius same nozzle and (excursion extrusive extrusion)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 11:36
S11 9	7	meniscus same radius same nozzle and konica	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 12:49
S12 0	5066	ejection with (pulse wave)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 13:13
S12 1	1	(satellite with ink) and (satellite with radius with nozzle)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 13:28
S12 2	228	(satellite with ink) and (satellite with nozzle)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 14:58
S12 3	7	347/10.ccls. and (ejection with (pulse wave)) and ((pulse wave) with (resonance propagation)) and (wave with (square rectangular))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 15:03
S12 4	48	(ejection with (pulse wave)) and ((pulse wave) with (resonance propagation)) and (wave with (square rectangular))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 15:19
S12 5	22	(ejection with (pulse wave)) and ((pulse wave) with (resonance propagation)) and (wave with (square rectangular)) and viscosity	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 15:24

S12 6	161	347/10,11,20,27.ccls. and vibration and (pulse wave) and (resonance propagation) and (pzt piezo\$ transducer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 15:25
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